

NOV 25 2002

**DEMETECH CORP 510(k) Summary of Safety and Effectiveness**  
for 510 (k) No. K023029

This 510(k) summary is being submitted in accordance with the requirements of 21 CFR 807.92.

(A)(1) *Submitter's name:* DemeTECH Corp  
*Submitter's address:* 12119 SW 131 Ave.  
Miami, FL 33186

*Submitter's telephone number:* (305) 251-2700

*Contact Person:* Mr. Luis Arguello, President

*Date Summary Prepared:* September 7, 2002

(2) *Trade or proprietary device name:* DemeTECH Silk Nonabsorbable Suture

*Common or usual name:* Silk Nonabsorbable Surgical Suture

*Classification Name:* Natural Nonabsorbable Silk Surgical Suture

*Panel:* General and Plastic Surgery

*Class:* II

(3) *Legally marketed predicate device:* Grams Silk Nonabsorbable Suture [Grams American Suture, Inc., Grafton, WI] (510(k) No.: K003001)

(4) *Subject device description:*

The DemeTECH Silk Nonabsorbable Suture is a black braided, individually packaged nonabsorbable silk surgical suture available in a range of gauge sizes and lengths, and attached to needles of varying types and sizes or supplied without needles.

(5) *Subject device intended use:*

The DemeTECH Silk Nonabsorbable Suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular and ophthalmic and neurological procedures.

(6) *Performance data:*

The DemeTECH Silk Nonabsorbable Suture has been demonstrated as both equivalent to the predicate device and meets United States Pharmacopeia (USP) 23 and 24 requirements for Nonabsorbable Surgical Sutures.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

NOV 25 2002

DemeTECH Corporation  
Luis Arguello  
President  
12119 SW 131 Avenue  
Miami, Florida 33186

Re: K023029

Trade/Device Name: DemeTech™ Silk Nonabsorbable Suture  
Regulation Number: 878.5030  
Regulation Name: Natural nonabsorbable silk surgical suture  
Regulatory Class: Class II  
Product Code: GAP  
Dated: September 7, 2002  
Received: September 11, 2002

Dear Mr. Arguello:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the

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quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-4659. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address  
<http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,

*Miriam C. Horwitz*  
for Celia M. Witten, Ph.D., MD  
Director  
Division of General, Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

**DEMETECH CORP**  
510 (k) Premarket Notification  
DemeTECH Silk Nonabsorbable Suture

K023029

**C. Indications for use of the Device**

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510(k) Number: Not known

K023029

Device Name: DemeTECH Silk Nonabsorbable Suture

Indications for Use:

The DemeTECH Silk Nonabsorbable Suture is indicated for use in general soft tissue approximation and/or ligation, including use in cardiovascular and ophthalmic and neurological procedures.

*(Please do not write below this line—continue on another page if needed)*

\* \* \* \* \*

**Concurrence of CDRH, Office of Device Evaluation (ODE)**

Miriam C. Provost  
(Division Sign-Off)  
Division of General, Restorative  
and Neurological Devices

510(k) Number K023029

Prescription Use X or Over-the-Counter Use \_\_\_\_\_  
(Per 21 CFR 801.109)